SunTM StorEdgeTM D1000 to A1000 Upgrade



THE NETWORK IS THE COMPUTER™

Sun Microsystems Computer Company

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Sun StorEdge D1000 to A1000 Upgrade Installation

Your Sun StorEdge A1000 upgrade kit contains the following items in addition to this manual:

- Sun StorEdge A1000 controller board canister
- Drive bay label
- Front plate label
- RM6.1.1 software CD
- RM6.1.1 Installation, User, and Release Notes documents

The Sun StorEdge A1000 and D1000 Installation, Operations, and Service Manual for the Sun StorEdge A1000 is the same as for the Sun StorEdge D1000. It contains additional information.

Removing the Sun StorEdge D1000 Controller Canister

- 1. Back up the data on the hard disk drives in your Sun StorEdge D1000 unit.
- 2. Be sure the hard disk drives are not managed by an application such as Volume Manager or other database software.

Refer to the documentation that came with your application.

3. Stop the software communication with the Sun StorEdge D1000 system.

See the documentation that came with your software.

4. Turn off the power to the system.

Push the power switch to the standby position. Press the left side of the switch.

Note — If you do not turn off the host, you may get error messages such as SCSI timeout, SCSI reset, ISP reset, or ISP register dump.

5. Remove the SCSI cables and terminator on the controller board.

See the Sun StorEdge A1000 and D1000 Installation, Operations, and Service Manual and the Sun StorEdge A1000 and D1000 Product Note for more information.

6. Attach an antistatic wrist strap to the exposed metal part of the chassis at the center post between the power supply bays.

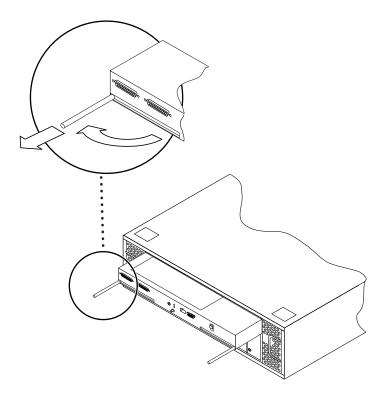


FIGURE 1 Opening the D1000 Canister Latches

- 7. Slide the canister out and set it on an antistatic mat.
 - a. Use the levers at each side to release the controller board.
 - b. Hold the levers to slide the canister out.

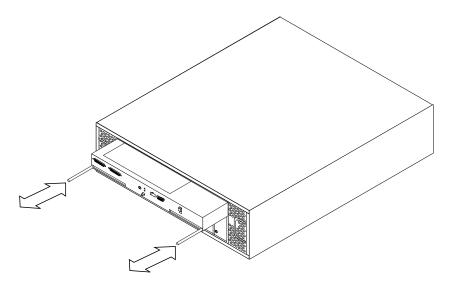


FIGURE 2 Removing the Canister

Installing the A1000 Controller Canister

1. Check whether you have a version of RM6 installed.

If have a version of RM6 installed on your host and it is not RM6.1.1, prepare to install the new software *before* you turn on the power to your newly installed Sun StorEdge A1000.

2. Slide the Sun StorEdge A1000 canister into the slot in the chassis.

Note – Be sure to hold the canister in a level position when sliding it into the slot. The top of the canister has rails that fit into guide hooks in the chassis.

- 3. Push firmly until the controller board connector engages.
- 4. Push both handles inward until they are flush with the canister.
- 5. Connect all power cables, SCSI cables, and install a terminator, if necessary.

 See the Sun StorEdge A1000 and D1000 Installation, Operations, and Service Manual and the Sun StorEdge A1000 and D1000 Product Note for more information.

Installing the Drive Bay Labels

Your Sun StorEdge A1000 requires different drive bay labels from those on the Sun StorEdge D1000.

• Carefully paste the new labels over the old ones, matching the center notches.

The notch at the right side of the left label and the left side of the right label fit the center of the drive bay.

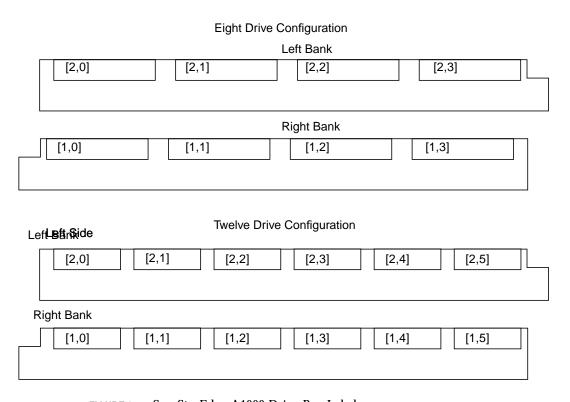


FIGURE 3 Sun StorEdge A1000 Drive Bay Labels

Installing the Front Name Plate

It is important to change the name on the front of the chassis from Sun StorEdge D1000 to Sun StorEdge A1000 to avoid confusion.

 Paste the Sun StorEdge A1000 label over the area that identified your pre-upgrade unit as a D1000.

Installing the RAID Manager Software

1. If you have not already done so, install the RM 6.1.1 software on your host system. Refer to the documentation that came with your software CD for installation and operation instructions.

Note – If you have a version of RM 6 already installed, you must upgrade to the 6.1.1 release *before* you turn on the Sun StorEdge A1000.

- 2. Turn on the Sun StorEdge A1000.
- 3. After you turn on the Sun StorEdge A1000, run boot -r on your host system to see the newly added A1000.